

**WHAT IS CLAIMED IS:**

1. A lubrication system of linear guideway comprising:

an end cap;

a capping plate;

5       wherein the end cap being installed at both end surfaces of a sliding block and the capping plate being installed between the sliding block and the end cap to form a 3D spatial route for enabling oil to flow to a middle portion between upper and lower rolling ball return ways, and then oil being averagely distributed to respective rolling ball return ways  
10      to lubricate rolling balls, lubricating part defined on contacting surfaces of the end cap and of the capping plate to prevent oil leakage.

2. The lubrication system of linear guideway as claimed in claim

1, wherein oil can be injected into an oiling hole defined at end surface of the end cap.

15       3. The lubrication system of linear guideway as claimed in claim 1, wherein oil can be injected into an oiling hole defined at side surface of the end cap.

4. The lubrication system of linear guideway as claimed in claim

1, wherein oil can be injected into an oiling hole defined on top surface  
20      of the sliding block.

5. The lubrication system of linear guideway as claimed in claim

1, wherein the capping plate is provided with stopping piece, so as to prevent oil leakage from the contacting surfaces of the end cap and the

**sliding block.**

**6. The lubrication system of linear guideway as claimed in claim  
5, wherein the stopping piece is a detachable structure.**